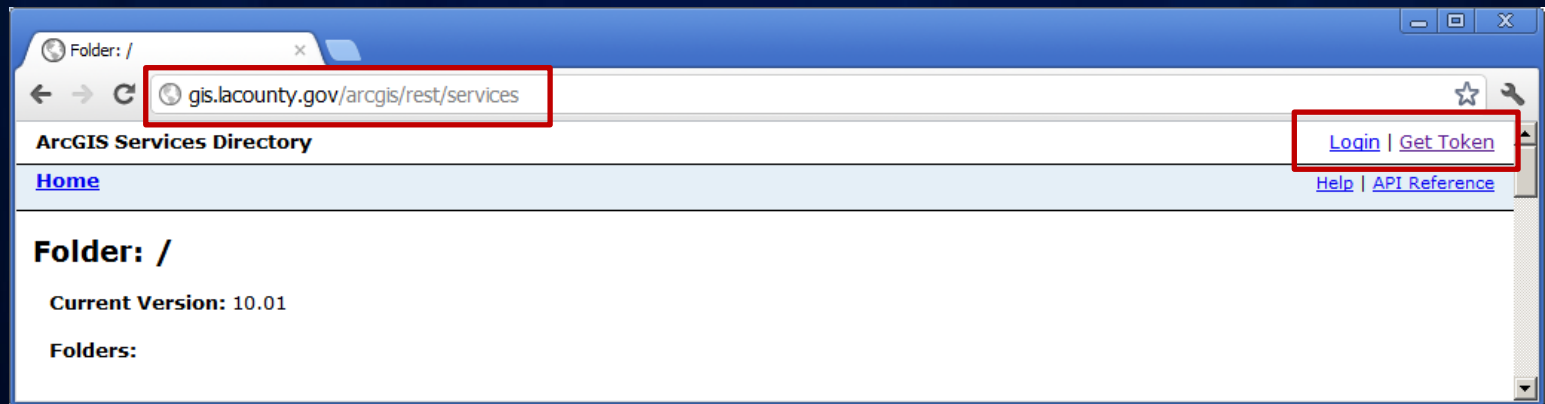


# ISD eGIS Update eGIS Team

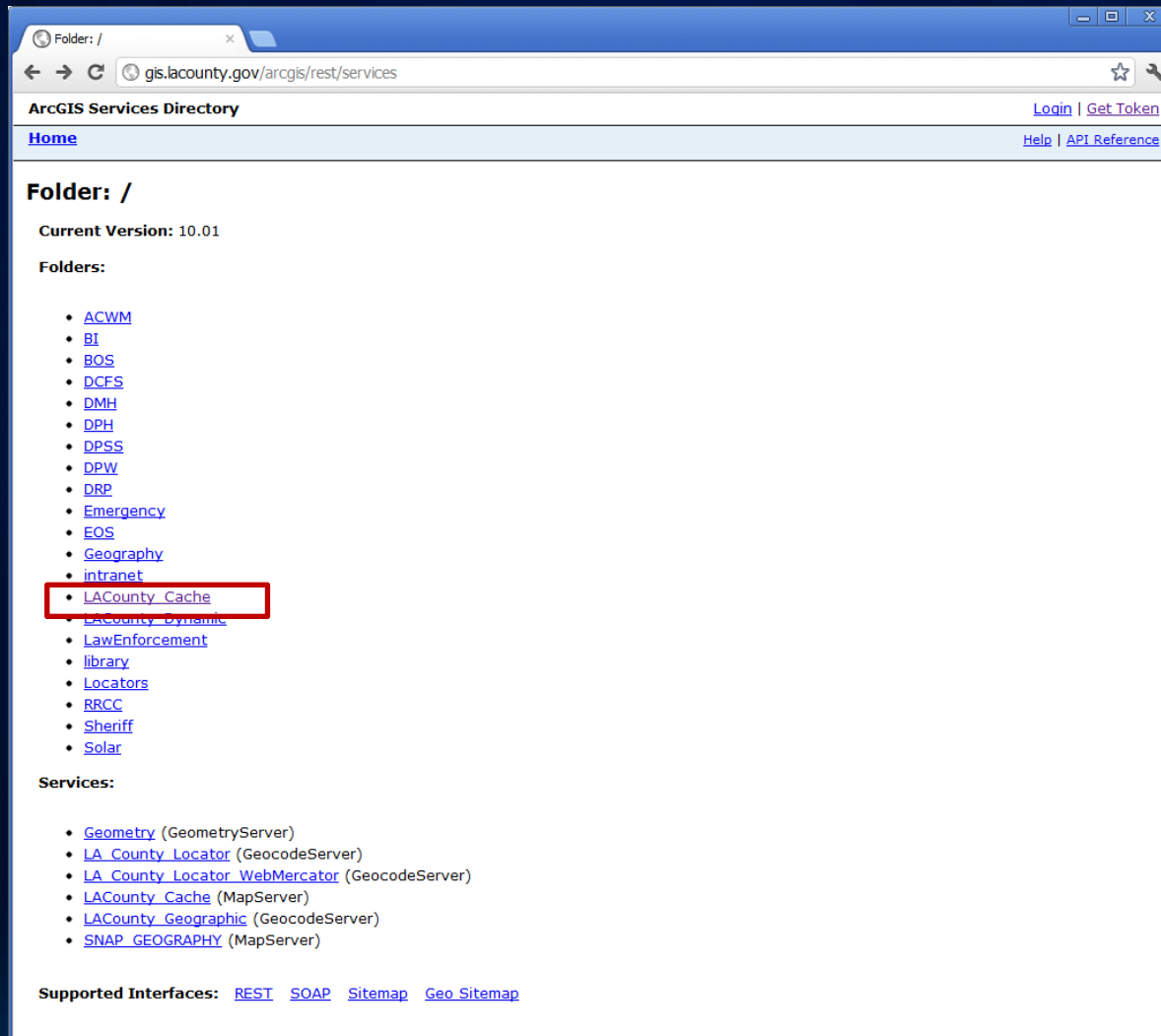
1. **eGIS Services security**
2. **Database server migration**
3. **New geocoding service**

# eGIS Services security

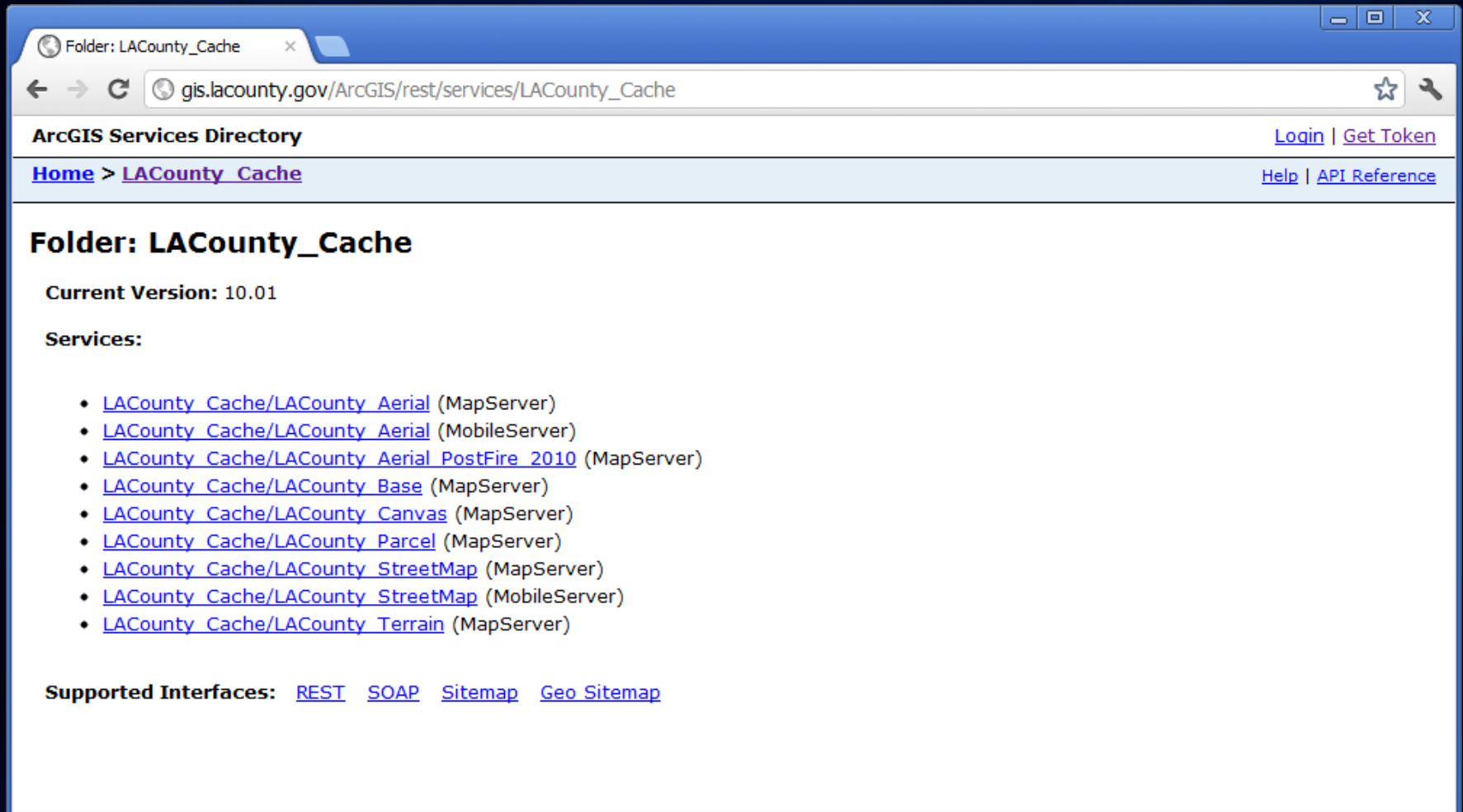
- ArcGIS Server enables you to secure your Web applications and Web services. This section primarily addresses how to restrict access for applications and services to authorized users.



# eGIS Services security



# eGIS Services security



# eGIS Services security

ArcGIS Server REST API Login x

gis.lacounty.gov/ArcGIS/rest/login

**ArcGIS Services Directory**

**ArcGIS Server REST API Login**

**Login**

User Name

Password

Login

ArcGIS Token Service x

County of L...ngeles [US] https://egis2.lacounty.

**ArcGIS TOKEN SERVICE**

This utility generates tokens that grant access to secured GIS ser name, expiration time and an identifier. Client applications include the server grants access to the appropriate GIS service.

User Name:\*

Password:\*

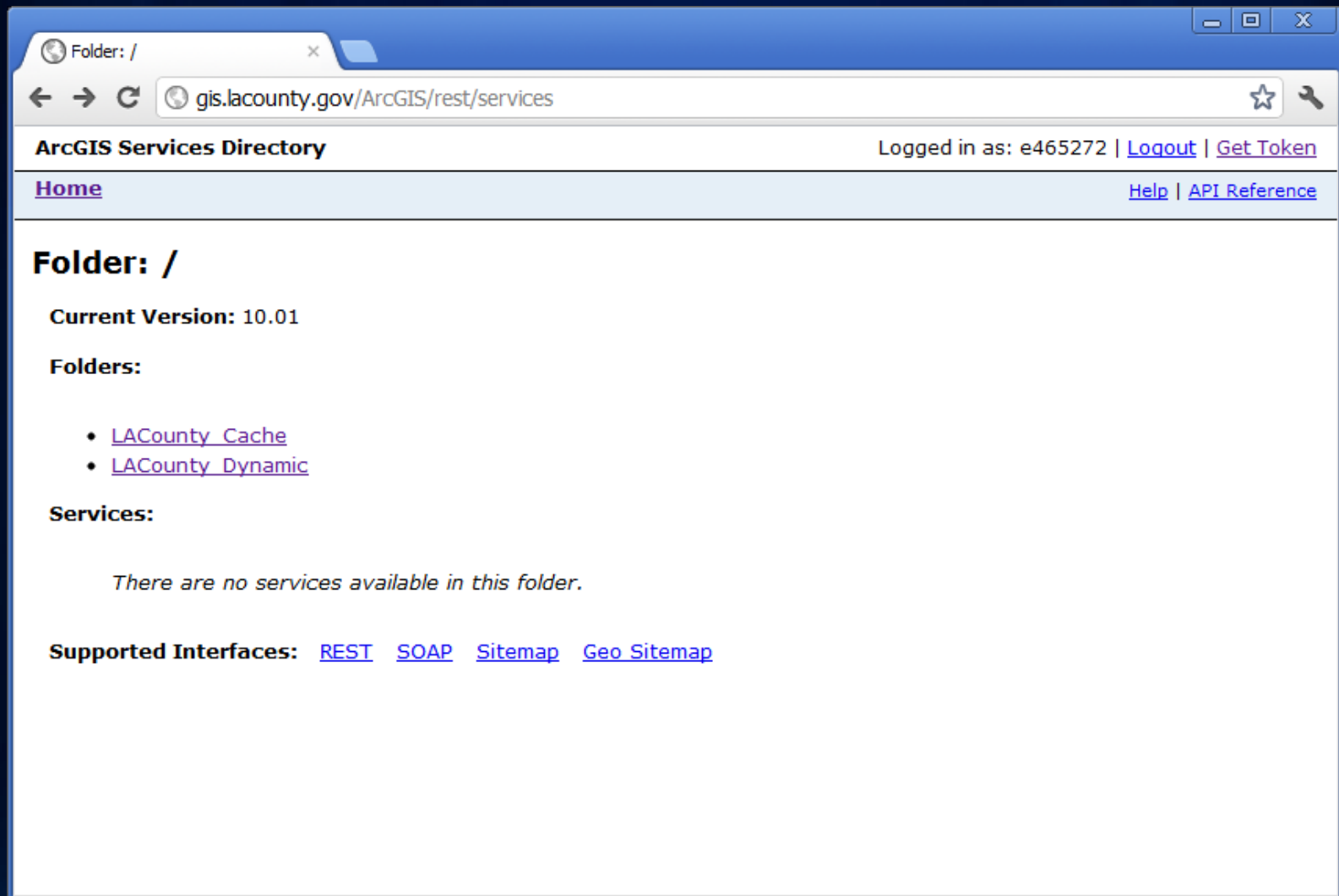
Identifier:\* ☒ Web Application URL or HTTP Referrer

☐ IP Address

Expires in:\*  minute(s)   
( maximum expiration time can be 365 day(s) )

Generate Token Clear Form

# eGIS Services security



# eGIS Services security

## Folder: LACounty\_Cache

Current Version: 10.01

### Services:

- [LACounty\\_Cache/LACounty\\_Aerial](#) (MapServer)
- [LACounty\\_Cache/LACounty\\_Aerial](#) (MobileServer)
- [LACounty\\_Cache/LACounty\\_Aerial PostFire 2010](#) (MapServer)
- [LACounty\\_Cache/LACounty\\_Base](#) (MapServer)
- [LACounty\\_Cache/LACounty\\_Canvas](#) (MapServer)
- [LACounty\\_Cache/LACounty\\_Parcel](#) (MapServer)
- [LACounty\\_Cache/LACounty\\_StreetMap](#) (MapServer)
- [LACounty\\_Cache/LACounty\\_StreetMap](#) (MobileServer)
- [LACounty\\_Cache/LACounty\\_Terrain](#) (MapServer)

Supported Interfaces: [REST](#) [SOAP](#) [Sitemap](#) [Geo Sitemap](#)

## Folder: LACounty\_Cache

Current Version: 10.01

### Services:

- [LACounty\\_Cache/LACounty\\_Aerial](#) (MapServer)
- [LACounty\\_Cache/LACounty\\_Aerial](#) (MobileServer)
- [LACounty\\_Cache/LACounty\\_Aerial 2011](#) (MapServer)
- [LACounty\\_Cache/LACounty\\_Aerial PostFire 2010](#) (MapServer)
- [LACounty\\_Cache/LACounty\\_Base](#) (MapServer)
- [LACounty\\_Cache/LACounty\\_Canvas](#) (MapServer)
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Supported Interfaces: [REST](#) [SOAP](#) [Sitemap](#) [Geo Sitemap](#)

# Database server migration

1. **Migration from SQL Server 2005 (ArcSDE 9.3) to SQL Server 2008 (ArcSDE 10) → gisdb1 to egisdbp1**
2. **County Address Management System (CAMS) Database**
3. **Database migration for GIS Applications**
4. **Database migration for Web Services**
5. **Database migration for batch data process**
6. **Geodatabase migration**



# Database server migration

## Migration from:

- SQL Server 2005 to SQL Server 2008
- ArcSDE 9.3 to ArcSDE 10
- Server gisdb1 to egisdbp1
- Microsoft has announced a March 7 [online event](#) for the launch of SQL Server 2012, the next generation of its database product.

# Database server migration

- **CAMS DATABASE**

**Registrar-Recorder/County Clerk migrated the CAMS Database**

- **Database migration for GIS Applications  
(such as District Locator, Services Locator, etc)**
- **Database migration for Web Services  
(such as <http://gis.lacounty.gov/services/identify.asmx>)**

# Database server migration

## Database migration for batch data process

- **Daily/Weekly/Monthly database processes**  
**Such as Assessor Parcels update, etc.**
- **Geosync data processs**  
**(Probation, DPSS, DCFS)**

# Geodatabase

## Changes

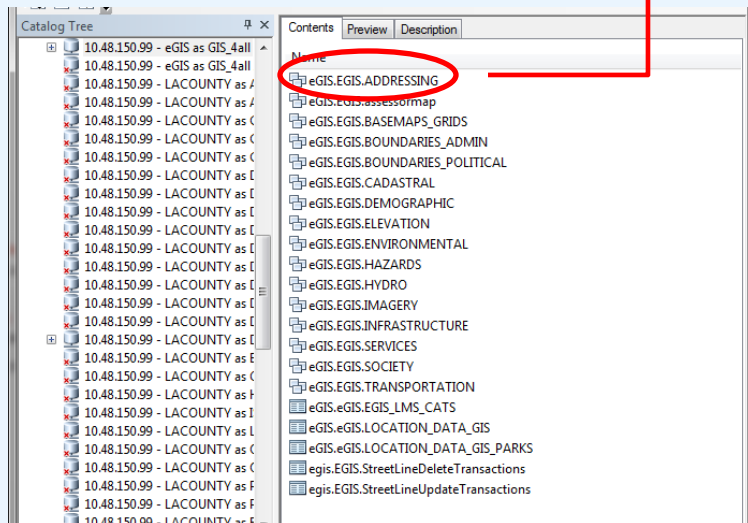
	GISDB1	EGISDBP1
SQL Server	SQL Server 2005	SQL Server 2008 R2
ArcSDE	ArcSDE 9.3.1	ArcSDE 10 SP3
Geodatabase Model	Multi-Geodatabase Single-Geodatabase	Single-Geodatabase Only
Connection Method	SDE Port, Direct Connect	Direct Connect only

# Geodatabase

## Changes in eGIS Database: Data Structure

### GISDB1

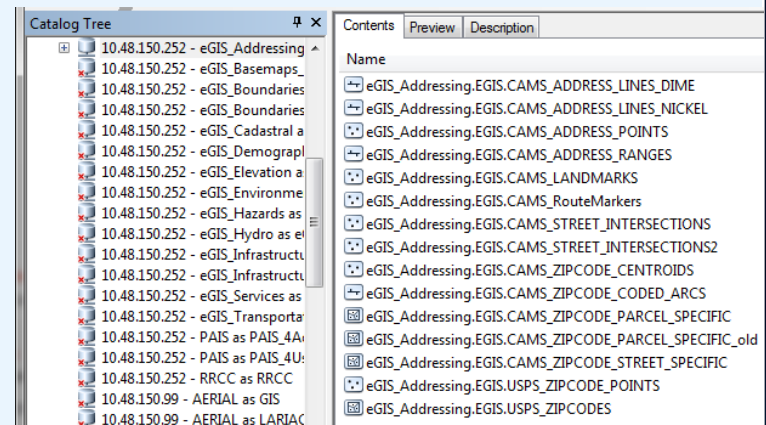
One database connections  
Feature classes were organized by  
Feature Dataset



### EGISDBP1

Multiple database connections.  
Feature classes are not contained in  
the Feature Dataset, unless  
necessary.

Connect to **eGIS\_Addressing**  
Database



# Geodatabase

## Changes in eGIS Database: User permission

	GISDB1	EGISDBP1																																				
Username	Single Username: eGIS	One username per department																																				
Permissions	Everyone has the same permission level (Create, Alter, Update, Delete...)	<table><tr><th>Column1</th><th>EGIS Administrator</th><th>Department Users</th><th>Readers</th></tr><tr><td>Import</td><td>Y</td><td>N</td><td>N</td></tr><tr><td>Rename</td><td>Y</td><td>N</td><td>N</td></tr><tr><td>Delete</td><td>Y</td><td>N</td><td>N</td></tr><tr><td>Add Fields</td><td>Y</td><td>Y</td><td>N</td></tr><tr><td>Delete Fields</td><td>Y</td><td>Y</td><td>N</td></tr><tr><td>Calculate Fields</td><td>Y</td><td>Y</td><td>N</td></tr><tr><td>Edit</td><td>Y</td><td>Y</td><td>N</td></tr><tr><td>Select by Attributes</td><td>Y</td><td>Y</td><td>Y</td></tr></table>	Column1	EGIS Administrator	Department Users	Readers	Import	Y	N	N	Rename	Y	N	N	Delete	Y	N	N	Add Fields	Y	Y	N	Delete Fields	Y	Y	N	Calculate Fields	Y	Y	N	Edit	Y	Y	N	Select by Attributes	Y	Y	Y
Column1	EGIS Administrator	Department Users	Readers																																			
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Rename	Y	N	N																																			
Delete	Y	N	N																																			
Add Fields	Y	Y	N																																			
Delete Fields	Y	Y	N																																			
Calculate Fields	Y	Y	N																																			
Edit	Y	Y	N																																			
Select by Attributes	Y	Y	Y																																			

# Geodatabase

## A. AERIAL Database(s)

### 1. Database structure

GISDB1	EGISDBP1
AERIAL	AERIAL
	AERIAL2011
	AERIAL201x

### 2. Permission

**No Change. One username per department. Read-only.**

## B. LACOUNTY Database

**No Change in database structure, data structure.**

# Geodatabase

## LACOUNTY Database

### 1. Database Structure

GISDB1	EGISDBP1
AERIAL	AERIAL
	AERIAL2011
	AERIAL20xx

### 2. Permission

**No Change. One username per department.  
Read-only.**



# Geodatabase

## Implementation/Roll-out Plan

1. **Inform eGIS Member Departments about the new connection properties**
2. **Keep GISDB1 and EGISDBP1 for a few months as transition period.**
3. **Send eGIS Member Departments a final reminder about the shut-down.**